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Law (1926) Department.
(Education)

Ordinary SERIES.

G.O. No. 1754

DATED 10-9-1926

[Despatch Abstract.]

Grants.

Building--additional buildings--St.Aloysius College, Mangalore--list of approved works--included.

C F. 30

Law (Education) DEPARTMENT.

Received 31 AUG 1926 192 . *Registered* 192

1956

Subject.

St. Aloysius College, Mangalore - construction of 2 additional blocks.

ENCLOSURES.
No.
Spare copies

R.O.C. No. 1952 D/25

Station Madras *Dated the* 20th August 1926 192

From (Name) R.G. Grieve, Esq., M.A., F.R.G.S.,

(Designation) Ag.Director of Public Instruction.

To The Secretary to the Government of Madras

Law (Education) Department.

Sir,

I have the honour to submit herewith plans and estimates amounting to Rs.57,300 for the construction of two additional blocks on each side of the existing buildings of the St. Aloysius College, Mangalore for the purpose of providing two laboratories and other necessary rooms required in connection with the affiliation of the college in Group II A and II B of the B.A. pass course and for the purpose of providing a library room and additional accommodation for the history classes. The need for the proposed extensions has been explained in the application, an extract from which is herewith enclosed. I consider that the proposed additional accommodation

2 2

is necessary and the plans have been approved by the Professors of the Presidency College .

2. The Deputy Consulting Architect who has scrutinized the plans and estimates recommends that the scheme may be approved at a cost of Rs.57,300/- subject to the condition that the suggestions made by him in his notes dated 4th May 1926 and 17th July 1926 (copy enclosed) are adopted. The Correspondent of the school has agreed to adopt the suggestions and has accepted the revised estimate at Rs.57,300/-

M. 3-6 infra

3. I recommend that the scheme may be approved by Government at an estimated cost of Rs.57,300/- and sanction accorded to its inclusion in the list of approved works so as to render the college eligible for a 2/3 grant on Rs.33,200/- which is the estimated cost of the work pertaining to the science block and for a half grant on Rs.24,100 which is the estimated cost of the remaining portion of the work, payable if and when funds become available and provided that the conditions of the Grant-in-aid Code are complied with and the suggestions of the Deputy Consulting Architect are adopted. I request the favour of very early orders on this letter as the management are anxious to commence work immediately so as to provide the additional accommodation demanded by the University authorities for purposes of affiliation. Unless the work is commenced almost immediately there will be a heavy loss on the cost of the foundations since the rainy season on the West Coast is almost over. The buildings must also be ready for occupation at the beginning of the next college year.

3/6640 22133

12,050)

I have the honour to be,

S i r,

Your most obedient servant,

R. K. Sitaram

for Director of Public Instruction

P.V.S. 20/8

Rir 20/8.

Office of the Deputy Consulting
Architect to Government, Chepauk,
Madras, 4th May 1926.

D.P.I.

The plans and Estimate as submitted have been technically scrutinised pending the carrying out of the alterations and suggestions of the professors of Chemistry and Physics of the Presidency College, regarding the proposed Laboratories, which would necessarily entail revision of the plans and Estimate.

The following points require the consideration of the Correspondent's Engineer.

(2) An underground celler has been provided for a portion of the South wing to take advantage of the deep foundations 12 ft. found necessary here. A plan of the cellar by itself will be more elucidative and this should be insisted upon.

(3) The clear headway to the under-side of the floor above cellar from the steps is about 5'-3". The clear headway may be made say 6'-3" to avoid any accidents. The steps from South Verandah are proposed in one solid block 5' width and 5' average depth, and these should be stepped for sake of economy. To avoid the effects of South West Monsoon the cellar door placed closer to the main wall.

(4) The retaining walls require to be made wider in their steppings, instead of one straight footing.

(5) The estimate does not allow for any cement piers between door and window openings, though the stresses work to as follows:-

Pier	A	...	5.15	Tons per S.ft.
Pier	K	...	5.65	
Pier	M	...	4.60	
Pier	N	...	4.80	
Pier	P	...	4.64	

As the pressures indicated above exceed even the maximum permissible 3 tons, for Mangalore Laterite, the piers have to be in cement or plans modified.

(6) The roof timbers Eral are spaced 2' centres, though the reepers Erul 2" x 1" will admit a spacing of 2'-9" centres. It is found that there is definite scope for savings if the Current Circular be adopted.

For Example, the purlin may be made,-

	4" x 7" as against	5" x 7"
Ridge piece	2½" x 8" ...	3" x 9"
Tie beam	4" x 7" ...	5" x 7"

(7) The ferro-concrete slabs over roof of cellar need only be 3" thick as they rest on joists 4' apart.

(8) It is observed that the room No.18 in the upper floor is to be a library and reading room. If so, as per P.W.D.Cir. Memo No.4537-C dated 4-10-1910, the load being greater here, the end R.S.Joist laid flat over longitudinal walls should be 9"x4" x 21 lbs. as against 8"x4"x18 lbs. provided for. Further the R.S.Joists 4' centres bearing the Jack arches should, as per above circular be increased for all rooms from 7" x 4" x 16 lbs. to 8" x 4" x 18 lbs.

(9) A drain is shown in cross section M.N. below cement slab laboratory tables. The total depth of ferro-concrete slabs provided above cellar is only 4" and the levelling course of concrete in the laboratory in the portion other than over the cellar is only 3" thick. As such separate arrangements should have to be made to form the drain as well as to carry the gas, the water pipes proposed. To carry them as proposed below the wall table shelf fitted with glass shutters would render them inaccessible for repairs and inspection. This arrangement requires modification.

(10) The Estimate and plans may be returned to the Correspondent for necessary action, with reference to the above remarks.

/Sd/-P.Ranganayakulu,
4-5-26
Offg: Deputy Consulting Architect to Govt.

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Office of the Deputy Consulting Architect to Government, Chepauk, Madras, dated 17th July 1926.

Subject:- St.Aloysius College, (Mangalore).

D. P. I.

Although the scheme has been revised agreeably to the D.C.A's note dated 4-5-26, the following remarks are still called for.

(1) The pressures made out by the designer on certain piers even after his attention has been drawn to the high pressures developed therein, still remain low as shown below. The calculations reported to have been enclosed are not in the file.

Piers.	As per pressures made out by the designer.	As made out in Deputy Consulting Architect Section.
X	Not noted.	5.15
K	2.52	5.65
M	2.23	4.60
N	3.25	4.80
P	2.46	4.64

The Correspondent's Engineer states that similar piers in the existing building are standing alright and that the laterite available locally is very superior. He however makes a lump sum provision for erecting these piers in cement mortar 1:5. In the circumstances, the piers may be built of cement 1:3. An additional provision of Rs.200/- has now been made in the estimate for this purpose.

(2) As regards the roof timbers, an arithmetical mistake has been made. The total quantity of wood work adopting current circular should be 751 C.ft in the 1st floor as against 676 C.ft made out in the revised estimate. Necessary correction has now been applied to the abstract.

(P.T.O)

6 b

The ridge piece, purlins and main room rafters have been calculated as partly fixed. No fish plates have been allowed for in the estimate. A lump sum has now been allowed. Care should be taken to use fish plates as indicated in P.W.D.Cir. Memo No.1354-c dated 19-2-23.

With these remarks, the plans and estimate as altered in this office amounting to Rs.57,300/- are recommended for approval.

/Sd/- P.Ranganayakulum
17-7-26.
Offg: Deputy Consulting Architect.
to Government.

Extract from the correspondent's application for grant.

Construction of two blocks to be added to the existing building of the college department. Block No.I(see enclosed plan) is needed to provide two laboratories and other necessary rooms in connection with the proposed affiliation of the college in Groups ii A and ii B of the B.A course. In anticipation of the Government grant now applied for, we submitted to the Registrar of the University of Madras an application for affiliation in the above mentioned groups. The University authorities have since appointed a Commission for local enquiry and report. The Commissioners visited the college on the 5th December 1925 and in their report have recommended the -- college for affiliation in Groups ii A and ii B provided that the proposed extension is completed. The affiliation will be recommended by the Syndicate to the Council of Affiliated Colleges at its next meeting to be held on the 13th instant.

Block No. 2 is needed to provide accommodation for the classes of Mental and Moral science, History B and Mathematics (combined class) of the B.A. Course. For want of a substitute room we were forced two years ago to close the course in History B, while the classes of Mental and Moral Science are at present held in a closed verandah and those of Mathematics in a room of the High school building much to be inconvenience of school work and to the disadvantage of discipline. This block will also contain a hall to be used as Library and Reading Room which is greatly needed as the present Library and Reading Room 36' x 24' has become wholly inadequate to accommodate the increasing number of students.

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Education Department

Building grant - St. Aloysius College, Mangalore

(C.No:1956B) From the D.P.I., R.O.C.No.1952 D/25
dated 20-8-26.

The D.P.I. may be requested to explain the necessity, from a purely educational point of view, for providing instruction in Physics and Chemistry for the B.A.course in the St.Aloysius College, Mangalore. The colleges at Ernakulam and Trivandrum offer instruction in the above subjects for the B.A. course and the question arises whether existing facilities will not suffice for the needs of the whole of the West Coast. The file may be sent to the D.P.I.u.o.

C.V.V.
28.8.26
SK
28.8.26

WK
28/8/26

V-TK
28.8.26

Edn no 1956 B-1
31-8-26

P.T.O

U.O.Reply No. ROC 1952 D/25 D/3-9-26.

Mangalore is 256 miles from Ernakulam and about 360 from Trivandrum. In the area suggested to be covered by the Science B.A.classes of Trivandrum and Ernakulam there were last year in Groups I and II of the Intermediate 858 students. In the senior Intermediate groups I and II of St. Aloysius College, Mangalore, the Government College, Mangalore, the Government College, Palghat, the Christian College, Calicut, the Zamorin's College, Calicut and the Government College, Tellicherry, there were 260 students. If we assume that provision for these colleges in Kanara and Malabar in Science for the B.A. is desirable, the proposal to have Science classes in the B.A. in St.Aloysius College seems reasonable.

DIRECTOR OF PUBLIC INSTRUCTION 1-SEP1926 MADRAS

R. Cu 20483 6/9/26.

RAR 3.9.26.

Edn. dept.

5 SEP 1926 GOVERNMENT OF MADRAS

Resubmitted

CVV 6.9.26

A 7.9.26

S

V.TK 8/9.

S&K 6.9.26.

M2

C3

I agree with the D.P.I. There is considerable need for this Grant in Mangalore.

8/9.

Very well. It is important to note that this favourable short cut for a degree is for the state an expensive. TeM 8/9/26

2.

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Pl orders whether the draft below may be issued

8.9.26

9.9.26

J

Yes

V.TK

10/9

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Law (Education) Department.

Grant - Building - Additional ~~blocks~~ buildings - St. Aloysius college, Mangalore - List of approved works - Included.

Read the following papers:-

[C.1956 B]

ORDER:- No. 1754 dated 10.9.1926.

The Government sanction the inclusion in the list of approved works maintained in pursuance of G.O. -

(O) No. 572 Law (Education) dated 10th May 1922 ~~746 Law (Education), dated 17th June 1922~~ of the construction of two additional blocks of buildings for ~~the existing buildings~~ of the St. Aloysius college Mangalore, at an estimated cost of Rs. 57,300. While this approval does not convey any guarantee of grant, it will render the work eligible for a grant (of one-half of the cost not exceeding Rs.12,000. for the other blocks, ~~(of two-thirds of the cost)~~ ~~under the provisions of the Code of Regulations for European Schools~~ Grant-in-Aid Code, not exceeding Rs.22,130 for the science block, and for a grant if and when funds become available, provided that all the conditions prescribed in the grant-in-Aid code are duly complied with, and the suggestions of the Deputy consulting Architect are adopted.

CW
24.8.26

819
26.8.26

DESPATCHED SEP

To

The Director of Public Instruction (with reference to his letter No. 1952 D/25 dated 20.8.26 with plans &c. ret.)

The Accountant-General.